

Rabbit ADRA1A Polyclonal Antibody | anti-ADRA1A antibody

Rabbit Polyclonal to Human ADRA1A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51246	Rabbit	Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Sheep Predicted Reactivity: Bat, Guinea pig (at least 90% immunogen sequence identity)	Immunocytochemistry, Immunohistochemistry

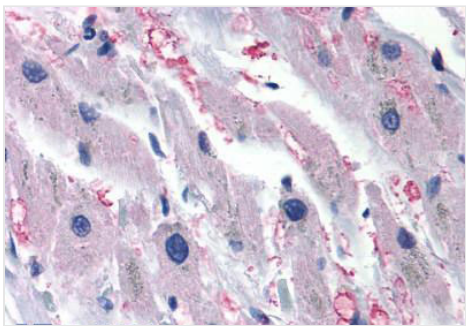
PRODUCT SYNONYMS

ADRA1A; Polyclonal Antibody; Rabbit Polyclonal to Human ADRA1A; Anti-ADRA1A Antibody (Cytoplasmic Domain) IHC-plus; ADRA1L1; Adrenergic alpha 1c receptor; Alpha 1c adrenoceptor; Alpha-adrenergic receptor 1c; ADRA1C; Adrenoceptor alpha 1A; Alpha-1A adrenoceptor; Alpha-1A adrenoreceptor; Alpha-1A adrenergic receptor; Alpha-1C adrenergic receptor; ALPHA1AAR; Human ADRA1A; anti-ADRA1A antibody

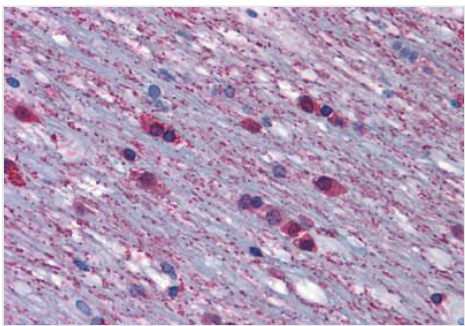
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Sheep Predicted Reactivity: Bat, Guinea pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ADRA1A. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	466
Applicable Applications for anti-ADRA1A antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human ADRA1A. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Bovine, Dog, Hamster, Elephant, Panda, Horse, Rabbit, Pig.
Immunogen Type	Synthetic peptide
Immunogen	ADRA1A antibody was raised against synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human ADRA1A. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Bovine, Dog, Hamster, Elephant, Panda, Horse, Rabbit, Pig (100%); Bat, Guinea pig (94%); Opossum, Platypus (88%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-ADRA1A antibody IHC of human heart, heart failure. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ADRA1A antibody IHC of human brain. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRA1A antibody	The alpha 1c- Adrenergic Receptor, also known as alpha 1a-adrenoceptor, is activated by epinephrine and norepinephrine. This receptor mediates calcium release upon ligand binding. The alpha 1-c adrenoceptor is one of three subtypes of alpha 1-adrenergic receptor (alpha 1 c/a, alpha 1b, and alpha 1d). The alpha 1c receptor couples to phospholipase C via a GTP-binding protein insensitive to pertussis toxin. Three isoforms are generated by alternative splicing.
Product Categories/Family for anti-ADRA1A antibody	Family: GPCR; Subfamily: Adrenergic

NCBI AND UNIPROT INFORMATION

NCBI GI #	111118992
NCBI GeneID	148
NCBI Accession #	NP_000671.2
NCBI GenBank Nucleotide #	NM_000680.2
UniProt Accession #	P35348; O60451; Q13675; Q13729; A8K0I3; B0ZBD1; B0ZBD2; B0ZBD4; B0ZBD5; B0ZBD6; B0ZBD8; B0ZBD9
Molecular Weight	40,638 Da
NCBI Official Full Name	alpha-1A adrenergic receptor isoform 1
NCBI Official Synonym Full Names	adrenoceptor alpha 1A
NCBI Official Symbol	ADRA1A
NCBI Official Synonym Symbols	ADRA1C; ADRA1L1; ALPHA1AAR
NCBI Protein Information	alpha-1A adrenergic receptor; alpha-1A adrenoceptor; alpha-1A adrenoreceptor; G protein coupled receptor; alpha-1C adrenergic receptor; adrenergic, alpha-1A-, receptor variant 1; adrenergic, alpha-1A-, receptor variant 3; adrenergic, alpha-1A-, receptor variant 5; adrenergic, alpha-1A-, receptor variant 8; adrenergic, alpha-1A-, receptor variant 11
UniProt Protein Name	Alpha-1A adrenergic receptor
UniProt Gene Name	ADRA1A
UniProt Synonym Gene Names	ADRA1C; Alpha-1A adrenoceptor
UniProt Entry Name	ADA1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

